BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 12: International Sheep Production
Learning aim(s)	**B** Carry out diet management and feeding practices during the production cycle to maintain health and production targets **C** Carry out routine husbandry of sheep during the production cycle to meet current welfare and husbandry standards
Assignment title	**Sheep nutrition and routine husbandry**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are working on a farm as a supervisor and you have been asked to document the management, and routine, husbandry processes of sheep and lambs that are required over the year. Planning for the year is important to ensure good welfare and getting a good return on the investment in the product.
Task 1	**A** Produce a nutritional and dietary feeding plan covering the full production cycle of sheep, in a named breed, for one production system. You plan must clearly show strategies for: • meeting nutritional requirements • a formulated ration for pregnant ewes • feeding strategies; feeding and watering equipment • cleaning and maintenance of feeding and watering equipment • grazing management • weight gain and maintenance • common nutritional problems to identify. **B** Carry out feeding and diet management activities. You must keep a logbook that includes photographic evidence and observation records from your assessor, together with your review of the suitability of your approach, including recommendations for any changes or improvements. Provide a rationale for your views.
Checklist of evidence required	Nutritional planning document. Portfolio of evidence for feeding and diet management activities including: photographic evidence, observation records; review of practical activities completed.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
B.D2	Demonstrate, with a high degree of accuracy, diet and grazing management of sheep to maintain health and production targets, evaluating the impact of nutrition and diet and grazing management tasks.
B.M3	Analyse the impact that nutrition, diet and feeding management have on health and production targets.
B.M4	Demonstrate efficient diet and grazing management of sheep to maintain health and production targets.
B.P3	Explain the importance of diet management and feeding practices throughout the sheep production cycle.
B.P4	Demonstrate competent diet and grazing management of sheep to maintain health and production targets.

Task 2	You will carry out correct routine management and husbandry during the sheep production cycle, and show evidence of the following activities in your logbook: • routine feeding and watering • preparation of housing and environment • cleaning and biosecurity • maintaining environment, including ventilation, temperature, lighting, basic litter management • routine checks of health and welfare • health checking using indicators of good health • record keeping, including veterinary medicines book, record or births and deaths and husbandry records • routine sheep husbandry • correct handling and care of adults and lambs • care of new-born lambs to ensure high welfare and prevent disease. You should produce written justifications for the practical activities completed and highlight areas of good practices and areas which need development.
Checklist of evidence required	Portfolio of evidence, practical activities logbook, observation records, written reports in logbook.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
C.D3	Demonstrate, with a high degree of accuracy, routine husbandry of sheep to maintain health and production objectives and meet requirements during pre-lambing and lambing.
C.M5	Demonstrate efficient routine husbandry of sheep to maintain health and production targets and meet requirements during pre-lambing and lambing.
C.P5	Demonstrate competent routine husbandry of sheep to meet health and production targets.
C.P6	Carry out competent routine husbandry required for pre-lambing and lambing.

Sources of information to support you with this Assignment	**Book** Henderson, D. (2002). *The Veterinary Book for Sheep Farmers*. Old Pond Publishing Ltd